	Claims	

_			
Δ	pplication	Control	Nia
$\overline{}$	ppiication	/00110101	INO.

10/627,353 Examiner

Duc Truong

Applicant(s)/Patent under Reexamination

SAITOH ET AL.

Art Unit

1711

√	Rejected
=	Allowed

_	(Through numeral) Cancelled
÷	Restricted

N	Non-Elected
_	Interference

Α	Appeal
0	Objected

		1	<u></u>					_		_	J			L	\perp	_
	<u> </u>	_	_	_					_							
\vdash	laim	_	_	9	_		_,		_[)a	te	. ,			_	
١	=	\vdash	_	_	_				1					l		
Final	9		/8/	8			1		١			1		ı	1	
Į įĘ	Original			Q			١					1		-	1	
		Ί.		7		1	-				İ	ı		l	ſ	
	1			П		Ī			1		T	Ť		1	Ť	
	2 3 4 5		,	T		Τ	\exists	_	1		Ť	7		T	Ť	
	3	1	1	T		†-	7	_	1		T	7		1-	t	
	4	T	†	Ť			7		†		†-	Ť	_	H	+	_
	5	7	1	Ť	_	r	7	_	†	_	$^{+}$	+		H	+	
	6	7	†	†		-	T		+	_	t	╁	_	-	+	
-	7	\forall	Ť	t		H	7		†	_	+	$^{+}$	-	\vdash	╁	-
	7 8	7	†	†	_	-	+		+	-	╁	╅	_		╁	\dashv
	9	+	†	t	_	H	+		+		┝	+			╁	-
	10	+	+	t	_	┝	+	-	+		⊢	+	_	_	╀	\dashv
\vdash	111	+	+	╁	-	H	+	-	+		┝	+	_		╀	긕
<u> </u>	112		+	╁	-	-	+		+		⊢	+	_		╀	ᅴ
-	12	+	+	╀	_		+		+	_	ļ	+	_		╀	4
<u> </u>	11 12 13 14 15 16	+	4	+	4	Ļ.,	4	_	+		\vdash	4-	_	_	1	_
<u> </u>	14	4	4	Ł	4		4		1	_		┵		_	1	_
<u> </u>	15	4	4	L	4	_	4	_	1		_	1	_		L	┙
	16	+	J	L	J		4	_	ļ	_	Ļ	1	4		L	╛
L	17	4		L	_		1		l		_		\perp			
	18 19	1		L	_		┙		L			L	┙		L	
	19	┵		L			L						I		Γ	٦
<u> </u>	20			L	_				I				Т		Γ	٦
	21						L		Γ			Τ	П		Γ	٦
	22	l					T		Γ			Т	T			
	23 24 25	Τ		Γ	1				ı			T	T		-	7
	24	T		Г	7		7		Ī	T	_	Т	7		T	1
	25	T			T		1		T		_	T	7	_	T	1
	26 27	T			7		†		┢	┪	_	T	+		H	1
	27	T		-	1	_	T	_	T	7		†	7	_		1
	28 29	T		_	1	_	t	_	t	7		t	†	_		┪
	29	Ť		_	†		t	_	H	+	_	H	+	-	┢	4
	30	t			t	-	╁	-	\vdash	+	_	\vdash	+		┝	\forall
	31	$^{+}$	-	-	+	_	t	-	H	-		⊢	╁	_	_	┨
	32	十	1	-	+	_	t		-	+	—	├	+	_	-	┨
	32 33	f	4	-	t	_	╁	-	-	+		H	+	_	_	-
	34	+	+		+		╁╴	-	-	+	_	-	+	\dashv	_	-
	35	+	\dashv		+		H	+	-	+		⊢	+	-	_	1
	36	+	+	_	+		+-	\dashv	-	+		├	+	-	_	+
	37	+	+		+		\vdash	4	_	+		⊢	+	-		1
	38	⊢	+		+	_	\vdash	-		+		\vdash	+	-		-
	39	\vdash	+		╁		\vdash	+		+	_	<u> </u>	+	\dashv		ł
	40	\vdash	+	_	+	_	⊢	4		+	_	_	+	4	_	1
	40	-	+		+		-	4		+	_	<u> </u>	+	4		1
	41	-	+	_	+		\vdash	4	_	4	_		1	_		
	42	-	+		Ļ	_	L	4	_	4	_	_	L	4		
	43		4		1	_	_	4	_	1	_		\perp	1		1
	44	<u> </u>	4		L	_		4		1	_ļ		L	\perp		1
	45	L	1	_	L			1	_	1	╝		L	\perp		
	46	_	1		L	┙	_	1		Ĺ				\perp	_	
	47	<u>L</u> .	1	_	L			1	_	I	$ \mathbb{J} $		Ĺ	$_{ m I}$		
[48		\int	_		_]		J	_	Γ	I			\top		1
T	49		T			1		T	-	Τ	7		Γ	1		
	50	_	Τ	_	Γ	1		Ť		T	7		t	+	\dashv	

Claim Date E b b c c c c c c c c c c c c c c c c c		Claim	Т					_						
51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99	Η,		+	_		Т	7		T a	ιe		\neg	_	_
52 53 54 55 56 57 58 59 60 61 62 63 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99	Final	Original											1	
53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99		51	\Box			L	I							
54 55 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99		52	<u>: </u>	4		L	_		L	L	⊥	\perp		
55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99	<u> </u>	53	4	-		↓_	4		L	4	_	_	1	
56 57 58 59 60 61 62 63 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99	<u> </u>	54	:+	4		╀	4		<u> </u>	1	_	4	1	
57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 99	<u> </u>	55		4		┡	+	_		- -	4.	4	4	_
58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99		56	+	4	_	╂-	4		<u> </u>	+	+	4	4	_
59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 99	\vdash	50	+	+		┝	+		_	╀	+	+	+	_
60 61 61 62 63 64 64 65 66 66 67 67 68 68 69 70 71 71 72 73 73 74 75 76 76 77 78 78 79 80 81 81 82 83 84 85 86 87 88 89 90 91 91 92 92 93 94 95 96 97 98 99 99 99 99 99 99 99 99 99 99 99 99	<u> </u>	50	+	+		⊢	+	_	_	╁	+	+	+	-
61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99		60	+	+		H	$^{+}$			+	╁	+	+	
62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99		61	╅	T	_	┢	†		_	\dagger	$^{+}$	+	+	_
64		62		1		T	†	٦		T	\dagger	_	7	
65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 99 99 91 99 91 99 91 99 90 99 90 99 90 99 9		63	Ι	I			Ī			İ	Ť	\top	\top	
66 67 68 68 69 70 70 71 71 72 73 73 74 74 75 76 76 77 78 78 79 80 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 93 94 95 96 97 98 99 99 99 99 99 99 99 99 99 99 99 99		64	I	I			Ι						_	
67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 99	<u> </u>	65	Ļ	1			Ţ	⅃		Ľ	I	I		
68 69 70 70 71 72 73 74 75 75 76 76 77 77 78 78 79 80 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 93 94 95 96 97 98 99 99 99 99 99 99 99 99 99 99 99 99	ļ	66	╀	4		L	1	4		┖	\perp	\perp	\perp	
69			╀	4			+-	4		L	\perp			
70	·	68	+	+			+	4		├-	\downarrow	\downarrow	4	_
71	-		+	+			+	-		-	╁-	-	+	_
72		71	+	+	\dashv		╁	+		┝	╁	┰	+	_
73	-	72	+	╁	\dashv		╁	+	_	╁	+	+	+-	-
74		73	+-	+	-		+	+		+-	t	╁	+-	
75		74	1	t	7	_	t	1		\vdash	\dagger	╁	+	-
77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97		75	1	1			T	1	_	Г	\dagger	+	Ť	
77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97		76		Ι			Τ			Г	T	1	T	_
79 80 80 81 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 99 99 99 99 99 99 99 99 99 99 99 99	L_	77	1	Ļ	∐		L	1						
80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98	<u> </u>		_	1	4	_	L	1			L			
81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 99 99 99	-			Ļ	4		L	4		L	Ļ	\perp	┸	_
82 83 84 85 86 87 88 89 90 91 91 92 93 93 94 95 96 97 98			₽-	┼-	4		Ļ	4	_	<u> </u>	Ļ.	—	╀	_
83 84 85 86 87 88 89 90 91 91 92 93 93 94 95 96 97 98	-		╁	₽	+		┞	+	_	<u>. </u>	╁	+	+	_
84 85 86 87 88 88 89 90 91 91 92 93 94 95 96 97 98 99 99	-	83	╁	╁	+		\vdash	+	-		\vdash	+,	+	_
85 86 87 88 89 90 91 91 92 93 93 94 95 96 97 98 99 99	-	84	\vdash	H	+	-	\vdash	+	-		╁	+	╁	
86 87 88 89 90 90 91 92 93 93 94 95 96 97 98 99 99		85		†	\dagger	_	+-	\dagger	Ħ		\vdash	+	╁╴	
87 88 89 90 90 91 91 92 93 93 94 95 96 97 98 99 99		86		T	1	_	Г	Ť				T	†	
89 90 90 91 91 92 93 93 94 95 96 97 98 99 99 9		87			J			Ī			Γ		T	
90 91 91 92 92 93 93 94 95 96 97 98 99 99 9	L		L	Ĺ	I			\prod						
91 92 93 93 94 95 96 97 98 99 99	<u> </u>	89	_	L	4	_	_	L	_[L	\perp		
92 93 94 95 96 97 98 99			<u> </u>	L	4	_	<u> </u>	\downarrow	4	_	L.	_	1	_
93 94 95 96 97 98 99 99 99 9	<u> </u>		ļ	\vdash	+	4	<u> </u>	Ļ	4		\vdash	_	-	4
94 95 96 97 98 99 99 99 9	<u> </u>		_	H	+	4		+	\dashv	_	<u> </u>	1	-	4
95 96 97 98 99				-	+	4		+	+	-	<u> </u>	-	\vdash	4
96 97 98 99 99 99 99 99 99 99 99 99 99 99 99	_		-	H	+	-	_	H	+	-	_	\vdash	├	4
97 98 99			_	-	\dagger	-		+	+	_	_	\vdash	\vdash	1
98 99			7		†	1		\vdash	+			-	-	1
99		98	\exists	_	Ť	1		T	+	_	_	\vdash	 	1
100		99			T	_			+			\vdash	\vdash	1
		100	\Box	_	Γ	I			I					

_ c	laim	Ι	_	_	_			Da	ate				
			T		Γ							Τ	
Final	Original	-	1		l			1	1	ı			
ΙŒ	1 5				1					ı			
<u> </u>		╄	1		L	4			4	_		L	_
<u> </u>	101	╀	4	_	L	4		L	4	_		Ļ	_
<u> </u>	102	1	4	_	L	+	_	-	+	4		L	4_
	103 104	╁	+	_	H	+	_	L	4			∤_	+-
	105	┼-	+	_	-	+	_	H	╀	\dashv		╀	-
	106	╁	╁	_	┝	+		-	╁	+		\vdash	╀
<u> </u>	107	╁	$^{+}$		\vdash	+	-		╁	+		├	+-
	108	\vdash	t			+		_	十	+		┝	╁
	109	T	T			Ť	_	-	\dagger	$^{+}$		Ì	╁
	110		T			T			十	7	_	H	\top
	111		T			Ť		_	\dagger	7		Г	+
	112		Γ			I			Ι	Ţ			1
	113		L			Γ							I
	114	_	L			L			Γ	\perp			
	115	L	L	_		1	_[L	\perp		L	L
	116		1	4		\perp	4		1	4	_	_	<u> </u>
	117		╀	4		1	4		1	4	_		_
	118 119	_	-	4		╀	4		-	4	4	_	_
	119	_	┝	4		╀	4		╀	4		_	igspace
	120 121 122		-	+		╀	+		+	╁	\dashv	_	├-
	122	_	┢	+	-	╁	+	_	╁	+	\dashv		┢
	123			+		┢	+		\vdash	+	-		\vdash
	123 124		\vdash	†		t	†		H	╁	┪		-
	125			Ť		\vdash	†		1	†	Ħ		H
	126			1		Τ	†		T	✝	1	_	Н
	127			T			Ť			Ť	7		П
	128 129			Ι			Ι	_		T	T		
	129			1			1			L			
	130		_	1		_	1		L	┸	1		
\dashv	131	_		4	_	L	1	_	_	╄	1		
	132		_	+	_	<u> </u>	+		_	╀	4		Щ
\dashv	133 134	\dashv		╀		_	╀	_		1	+		$\vdash \dashv$
\dashv	135	-	_	+	-		+	4		\vdash	+	_	\vdash
\dashv	136	1	_	+	-		t	4		╁	+	-	\vdash
	137	\dashv		t	\dashv		†	\dashv		†-	+	-	\dashv
	138	7		t			†	-		\vdash	+	-	\dashv
	139		_	T	_		t	┪		Т	†		
	140			T		_	Ť	┪		T	†	+	\dashv
	141			Γ			Γ	_		Π	Ť	_	\neg
	142	I	_	Ľ	J								
	143	\downarrow		Ĺ	\prod		Ĺ	J			I		
_	144	\downarrow		L	4		L	1			Ĺ	$ \bot $	
	145	4		L	4		L	4		L	Ļ	\Box	
\dashv	146	-	_	L	4		-	\downarrow		<u> </u>	\perp	4	\perp
	147	4		L	4		L	4		<u> </u>	4	4	_
	148 149	+		L	+	_	\vdash	+		<u> </u>	+	+	\dashv
	150	+		_	+		L	+	_	_	+	-	_
	100			L_	\perp	_					L	Ш	_ [